



**A RESOURCE ENGINEERING COMPANY**

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EPA Region 5 Records Ctr.



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*environmental and engineering excellence*

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December 1, 1987

Mr. Kenneth W. Liss  
Technical Compliance Unit  
Compliance Section  
Division of Land Pollution Control  
Illinois Environmental Protection Agency  
2200 Churchill Road  
Springfield, IL 62706

Re: 1190400006 Madison County  
Granite City/Reilly Tar & Chemical Corporation  
ILD006278360

Dear Mr. Liss: *Kenn*

Enclosed please find the Ground Water Management Plan, Phase 2 Report. The completion of this report concludes Phase 2 activities, and presents Reilly's plan of action for upcoming Phase 3 efforts.

As you will see, several major accomplishments were achieved over the past six months, including:

- the installation of pumping test wells, plume delineation wells and piezometers;
- the completion of pumping tests and slug tests to more completely define geohydrologic properties at the site;
- determination of the extent of the on-site contaminant plume, and characterization of its components as a result of additional water quality sampling;
- fast-track implementation of a successful gradient control system in response to confirmation of ground-water contamination in monitoring wells near the facility property boundary;

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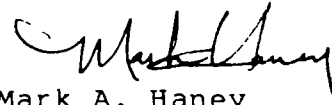
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- the completion of extensive test pitting and delineation of a solid waste management unit (SWMU) acting as an additional source area of ground-water contamination;
- the evaluation of options and design of a ground-water contamination source control system for both the previously suspected (i.e., wastewater impoundment) and newly identified (i.e., SWMU) source areas.

Reilly has taken an aggressive stance in addressing ground-water contamination at the Granite City facility and proposes to continue that approach in implementing Phase 3. As you will see from the schedule of upcoming activities (Phase 2 Report, Section 8), Reilly anticipates installation and startup of the new source control system before severe winter weather.

Reilly appreciates IEPA's support to date and desires the Agency's continued participation in this ground water management effort. Therefore, any comments or questions you have on the planned activities are needed as soon as possible. Field efforts are currently scheduled to begin early next week. Consequently, a conference call to discuss the Phase 2 report and planned activities has been scheduled for this Friday, December 4, at 10:00 A.M. Should you have any questions in the interim please do not hesitate to call me.

Sincerely yours,



Mark A. Haney  
Senior Program Manager

MAH/lw

enclosure

cc: Chuck Reeter, IEPA  
John Craun, RTCC